WEST

Generate Collection

Print

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: JP 08073787 A

L13: Entry 1 of 2

File: JPAB

Mar 19, 1996

PUB-NO: JP408073787A

DOCUMENT-IDENTIFIER: JP 08073787 A

TITLE: AQUEOUS PIGMENT DISPERSION AND ITS PRODUCTION

PUBN-DATE: March 19, 1996

INVENTOR-INFORMATION:

NAME

COUNTRY

SHINOZUKA, SHOICHI TSUCHIYA, KYO

ASSIGNEE-INFORMATION:

NAME

COUNTRY

SEIKO EPSON CORP

APPL-NO: JP06208897

APPL-DATE: September 1, 1994

INT-CL (IPC): <u>C09</u> <u>D</u> <u>11/00</u>; <u>C09</u> <u>D</u> <u>11/16</u>; <u>C09</u> <u>D</u> <u>17/00</u>

ABSTRACT:

PURPOSE: To obtain an aqueous pigment dispersion desirable as an ink colorant by mixing a pigment with an alkali-soluble resin dispersant, a surfactant and water.

CONSTITUTION: This production process consists of dispersing a mixture comprising a pigment in which the black pigment is aniline black or carbon black, the yellow pigment is an insoluble azo, isoindolinone, benzimidazolone or condensed azo pigment, and the red pigment is an insoluble azo, quinacridone perillene or dioxazine pigment, and the blue pigment is a phthalocyanine or indanthrene dye, a nonionic long-chain-alkyl-containing surfactant having an HLB of 14 or above and water with a grinding mill, adding a solution prepared by neutralizing an alkali-soluble resin dispersant having an acid value of 100mg(KOH) or above with an alkanolamine and dissolving the product dissolved in water to the above dispersion and adsorptively exchanging the surfactant for the alkali-soluble resin dispersant under agitation.

COPYRIGHT: (C) 1996, JPO

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

KWIC

2. Document ID: JP 08073787 A

L13: Entry 2 of 2

File: DWPI

Mar 19, 1996

DERWENT-ACC-NO: 1996-205763

DERWENT-WEEK: 199621

COPYRIGHT 2002 DERWENT INFORMATION LTD

TITLE: Water-borne pigment dispersion - contg. alkali soluble resin dispersants

surfactant and water

PATENT-ASSIGNEE:

ASSIGNEE CODE SEIKO EPSON CORP SHIH

PRIORITY-DATA: 1994JP-0208897 (September 1, 1994)

PATENT-FAMILY:

 PUB-NO
 PUB-DATE
 LANGUAGE
 PAGES
 MAIN-IPC

 JP 08073787 A
 March 19, 1996
 008
 C09D011/00

APPLICATION-DATA:

PUB-NO APPL-DATE

APPL-NO

DESCRIPTOR

JP 08073787A

September 1, 1994

1994JP-0208897

INT-CL (IPC): <u>C09</u> <u>D</u> <u>11/00</u>; <u>C09</u> <u>D</u> <u>11/16</u>; <u>C09</u> <u>D</u> <u>17/00</u>

ABSTRACTED-PUB-NO: JP 08073787A

BASIC-ABSTRACT:

The pigment dispersion comprises a least a pigment, an alkali soluble resin dispersant, a surfactant and water.

USE - The dispersant is used in ink jet recording and hand writing tools.

ADVANTAGE - The dispersion has less change of pigment dia. depending on cm. changes, even if by repeating freezing and fusing.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: WATER BORNE PIGMENT DISPERSE CONTAIN ALKALI SOLUBLE RESIN DISPERSE

SURFACTANT WATER

DERWENT-CLASS: G02 T04

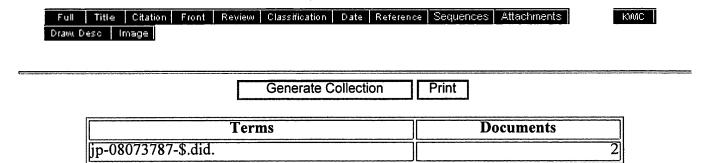
CPI-CODES: G02-A04A; G05-F03;

EPI-CODES: T04-G02C;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1669U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1996-065551 Non-CPI Secondary Accession Numbers: N1996-172384



Display Format: FULL Change Format

Previous Page Next Page